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Everitt

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(54) **COOLING RESISTOR BANKS**

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(57) **ABSTRACT**

Resistor bank cooling apparatus 1 has an enclosure 2 surrounding a resistor bank 4. At least one first vane 6 directs into the enclosure 2 air flowing past an open side 12 thereof, which open side 12 is not a side facing the direction from which the air flowing past the enclosure 2 flows. The resistor bank 4 has a resistor element 22 which functions as at least one airflow directing baffle. The or each first vane 6 and the or each baffle are each disposed thereby to create an air flow through the enclosure 2 which achieves a sufficiently even cooling of the resistor bank 4. At least one second vane 60 to the side of the or each first vane 6 remote from the open side 12 captures and deflects into the enclosure 2 air which 'bounces off' the closed facing sides.

17 Claims, 5 Drawing Sheets

